In the Specification:

Please replace at the end of the specification the initial sequence listing filed on
December 16, 2004 with the substitute sequence listing, pages 1-[##], submitted herewith.

Please replace paragraph **[0351]** with the following amended paragraph:

[0351] Nucleotide sequence of heavy chain variable region and a portion of constant region:

```
5'CGGCCGCCTATTTACCCAGAGACAGGGAGAGGCTCTTCTGTGTGTAGTGGTTGTGCAGAGCCTCATGCATCACG
GAGCATGAGAAGACATTCCCCTCCTGCCACCTGCTCTTGTCCACGGTTAGCCTGCTGTAGAGGAAGAAGGAGCCGT
CGGAGTCCAGCACGGGAGGCGTGGTCTTGTAGTTGTTCTCCGGCTGCCCATTGCTCTCCCACTCCACGGCGATGTC
GCTGGGGTAGAAGCCTTTGACCAGGCAGGTCAGGCTGACCTGGTTCTTGGTCATCTCCTCCTGGGATGGGGGCAGG
GTGTACACCTGTGGCTCTCGGGGCTGCCCTTTGGCTTTGGAGATGGTTTTCTCGATGGAGGACGGGAGGCCTTTGT
TGGAGACCTTGCACTTGTACTCCTTGCCGTTCAGCCAGTCCTGGTGCAGGACGGTGAGGACGCTGACCACACGGTA
CGTGCTGTTGAACTGCTCCTCCCGCGGCTTTGTCTTGGCATTATGCACCTCCACGCCATCCACGTACCAGTTGAAC
TGGACCTCGGGGTCTTCCTGGCTCACGTCCACCACCACGCACGTGACCTCAGGGGTCCGGGAGATCATGAGAGTGT
CCTTGGGTTTTGGGGGGAACAGGAAGACTGATGGTCCCCCCAGGAACTCAGGTGCTGGGCATGATGGGCATGGGGG
ACCATATTTGGACTCAACTCTCTTGTCCACCTTGGTGTTGCTGGGCTTGTGATCTACGTTGCAGGTGTAGGTCTTC
GTGCCCAAGCTGCTGGAGGGCACGGTCACCACGCTGCTGAGGGAGTAGAGTCCTGAGGACTGTAGGACAGCCGGGA
AGGTGTGCACGCCGCTGGTCAGGGCGCCTGAGTTCCACGACACCGTCACCGGTTCGGGGAAGTAGTCCTTGACCAG
GCAGCCCAGGGCGGCTGTGCTCTCGGAGGTGCTCCTGGAGCAGGGCGCCAGGGGGAAGACGGATGGGCCCTTGGTG
GAAGCTGAGGAGACGGTGACCAGGGTTCCCTGGCCCCAGTAGTCAAACCCCCAGTGATGTCTACTATTATCATAGT
AATCTCTCGCACAGTAATACACAGCCGTGTCCTCGGCTCTCAGGCTGTTCATTTGCAGATACAGCGTGTTCTTGGA
ATTGTCTCTGGAGATGGTGAATCGGCCCTTCACGGAGTCTGCATAGAGTTTATTACTTCCATCATACCATATAACT
GCCACCCATTTCAGCCCCTTGCCTGGAGCCTGGCGGACCCCAGTGCATGCCATAGCGACTGAAGATGAATCCAGACG
CTGCACAGGAGAGTCTCAGGGACCTCCCAGGCTGGACCACGCCTCCCCCAGACTCCACCAGCTGCACCTGACACTG
GACACCTTTTAAAATAGCCACAAGAAAAAGCCAGCTCAGCCCAAACTCCATGGTGGTCGACT3'    ~~(SEQ ID~~
~~NO:136)~~ (SEQ ID NO: 49)
```

Please replace paragraph **[0352]** with the following amended paragraph:

[0352] Amino acid sequence of heavy chain variable region and a portion of constant region encoded by ~~SEQ ID NO:136~~ SEQ ID NO: 49:

```
MEFGLSWLFLVAILKGVQCQVQLVESGGGVVQPGRSLRLSCAASGFIFSRYGMHWVRQAPGKGLKWVAVIWYDGSN
KLYADSVKGRFTISRDNSKNTLYLQMNSLRAEDTAVYYCARDYYDNSRHHWGFDYWGQGTLVTVSSASTKGPSVFP
LAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTKTYTCNVD
HKPSNTKVDKRVESKYGPPCPSCPAPEFLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSQEDPEVQFNWYVDGV
EVHNAKTKPREEQFNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPSQEEM
TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMHEALHN
HYTQKSLSLSLGK  ~~(SEQ ID NO:137)~~ (SEQ ID NO: 50)
```

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Please replace paragraph [0353] with the following amended paragraph:

[0353]   Nucleotide sequence of light chain variable region and a portion of constant region:

```
5'AGTCGACCACCATGGAAACCCCAGCGCAGCTTCTCTTCCTCCTGCTACTCTGGCTCCCAGATACCACCGGAGAT
ATTGTGATGACCCAGACTCCACTCTCCCTGCCCGTCACCCCTGGAGAGCCGGCCTCCATCTCCTGCAGGTCTAGTC
GGAGCCTCTTGGATAGTGATGATGGAAACACCTATTTGGACTGGTACCTGCAGAAGCCAGGGCAGTCTCCACAGCT
CCTGATCTACACGCTTTCCTATCGGGCCTCTGGAGTCCCAGACAGGTTCAGTGGCAGTGGGTCAGGCACTGATTTC
ACACTGAAAATCAGCAGGGTGGAGGCTGAGGATGTTGGAGTTTATTACTGCATGCAACGTGTAGAGTTTCCTATCA
CCTTCGGCCAAGGGACACGACTGGAGATTAAACGAACTGTGGCTGCACCATCTGTCTTCATCTTCCCGCCATCTGA
TGAGCAGTTGAAATCTGGAACTGCCTCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAG
TGGAAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGCAAGGACAGCACCT
ACAGCCTCAGCAGCACCCTGACGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTCACCCA
TCAGGGCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTAGGCGGCCG3' ̶G̶C̶ ̶(̶S̶E̶Q̶ ̶I̶D̶
̶N̶O̶:̶1̶3̶8̶)̶ (SEQ ID NO: 51)
```

Please replace paragraph [0354] with the following amended paragraph:

[0354]   Amino acid sequence of light chain variable region and portion constant region by ~~SEQ ID NO:138~~ SEQ ID NO: 51:

```
METPAQLLFLLLLWLPDTTGDIVMTQTPLSLPVTPGEPASISCRSSRSLLDSDDGNTYLDWYLQKPGQSPQLLIYT
LSYRASGVPDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQRVEFPITFGQGTRLEIKRTVAAPSVFIFPPSDEQLK
SGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLS
SPVTKSFNRGEC ̶(̶S̶E̶Q̶ ̶I̶D̶ ̶N̶O̶:̶1̶3̶9̶)̶ (SEQ ID NO: 52)
```

Please replace paragraph [0357] with the following amended paragraph:

[0357]   Amino acid sequence of heavy chain variable region and a portion of constant region encoded by SEQ ID NO:45:

```
XXXXXEQSGGGVVQPGRSLRLSCAASGFTFSSYGMYWVRQAPGKGLEWVAVIWYDGSNKYYADSVKGRFTISRDNSK
NTLYLQMNSLRAEDTAVYYCARDFYDSSRYHYGMDVWGQGTTVTVSSASTKGPSVFPLAPCSRSTSESTAALGCLV
KDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLS ̶(̶S̶E̶Q̶ ̶I̶D̶ ̶N̶O̶:̶1̶4̶0̶)̶ (SEQ ID NO: 136)
```

Please replace paragraph **[0359]** with the following amended paragraph:

[0359]   Amino acid sequence of light chain variable region and a portion of constant region encoded by SEQ ID NO:47:

```
XXXXTQCPLSLPVTPGEPASISCRSSQSLLDSDDGNTYLDWYLQKPGQSPQLLIYTVSYRASGVPDRFSGSGSGTD
FTLKISRVEAEDVGVYYCMQRIEFPITFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLN  (SEQ ID
NO:141) (SEQ ID NO: 137)
```